

*How can digital, technology and data empower Londoners from all walks of life to live healthy lives and live well alongside each other?*

ZERO CARBON CITY

CHANGING TRANSPORT MIX

LONG LIFE IN GOOD HEALTH

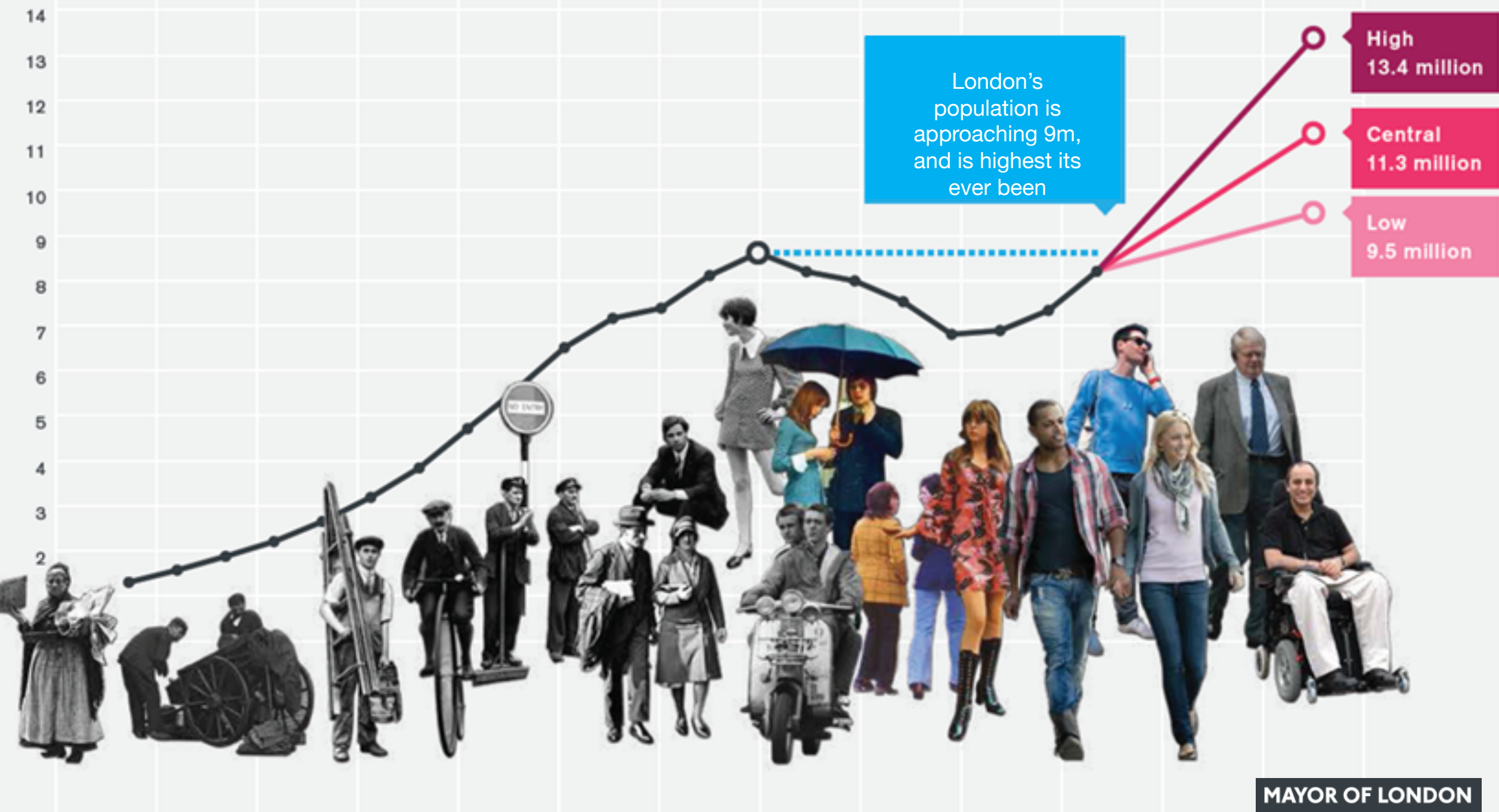
ADDRESSING HOUSING SHORTAGE

CULTURE ON YOUR DOORSTEP

GOOD GROWTH

SKILLS LONDONERS NEED





# London Datastore - open data platform

Established in 2010 by GLA, rebuilt (2.0) in 2014 to broaden the group of publishers

Current data architecture for London, sharing over 800 open datasets and metadata

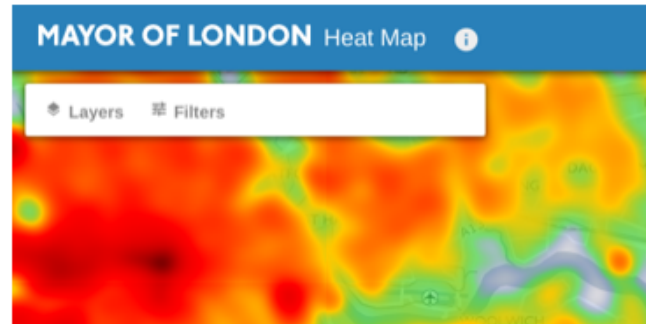
Additional secure data sharing function (2018-), central register for Sharing Cities sensor data

Supports variety of GLA products & services, including automated updates for digital twins & mapping downloads

City Data Analytics Programme (2018-) support for wider data-sharing, including link to data sharing agreements

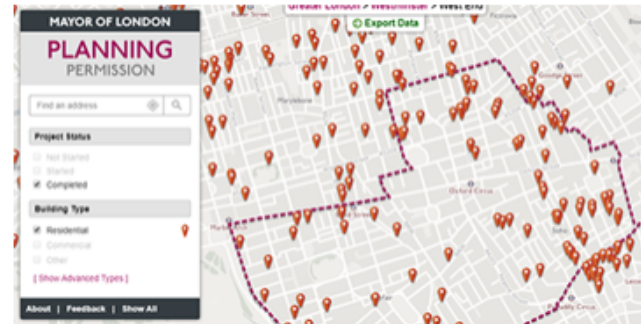
Discovery exercise with Open Data Institute for Datastore 3.0





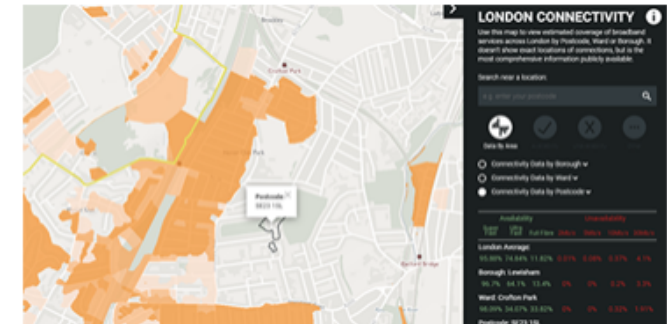
## Decentralised energy

The heat map shows where there is potential to create a decentralised energy network across London, cutting carbon emissions.



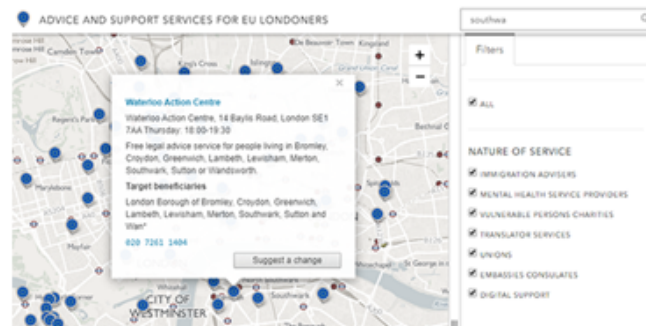
## Development database

A collaborative project between the Mayor and the London boroughs to monitor planning permissions, starts and completions across London.



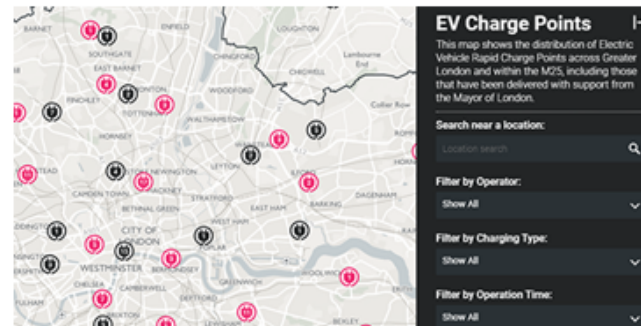
## Digital connectivity

For the 'Digital Connectivity in London' Assembly report.



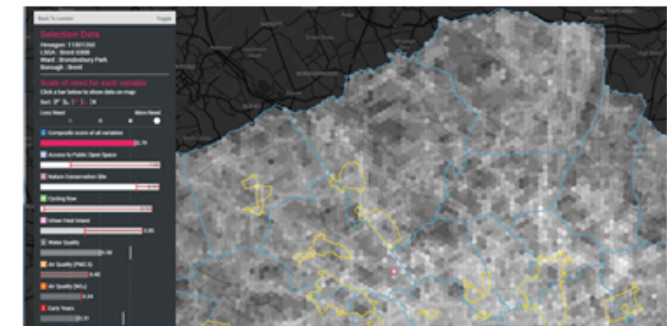
## EU Londoners

Search our list of advice and support services for EU citizens living in



## Electric vehicle infrastructure

Preparing London for an increase in electric vehicles.



## Green infrastructure

Resources for decision-makers and the public.

# MAYOR OF LONDON

## GREEN INFRASTRUCTURE FOCUS

### London Data

Select a variable from below to show the results on the map:

Map Variable: Health Deprivation

### Scale of need for this variable

Less Need

More Need



### About Health Deprivation (mood and anxiety)

A composite indicator, part of the Government's Index of Multiple Deprivation 2015, that measures levels of mental ill health, including mood, neurotic, stress-related and somatoform disorders and ranks amount of deprivation by LSOA across England.

Threshold is based on a rank higher than the London average.



### Geography

Find an address

Select the type of area of interest, then select a region on the map:

Select by Area: Lower Super Output Area

Adjust Hex Layer Transparency



Context: Select boundaries for display:

- ☐ Lower Super Output Areas
- ☐ London Wards
- ☐ London Boroughs
- ☐ Air Quality Focus Areas
- ☒ Tree Canopy
- ☒ GiGL CIC Public Open Space
- ☒ Green and Blue Cover

- ☐ Opportunity Areas
- ☐ Housing Zones
- ☐ Loneliness
- ☐ Population Density (2016)
- ☐ Change in Population Density (2016-41)
- ☐ Income Deprivation

- data to identify where there is more need or less need for green infrastructure interventions
- describe which specific environmental or social issues have the greatest need for intervention



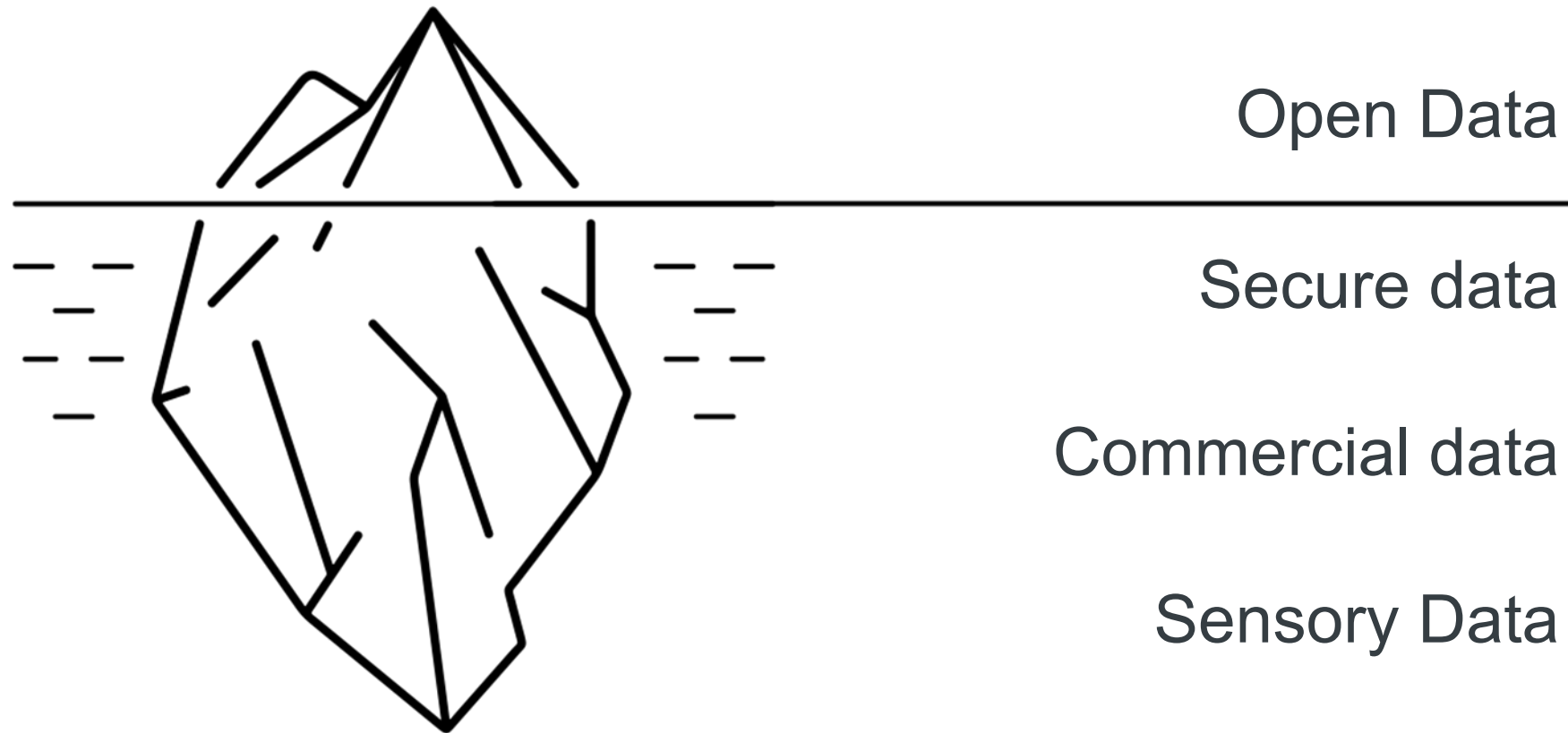
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# Understanding urban air quality

Turing researchers are working with the Greater London Authority to use machine learning and statistical methodology to better analyse air pollution sensor data, design better policy interventions, and improve urban quality of life

# From Open Data to City Data





18:00 20 March 2016  
Sports Relief charity events



Legend

- Local
- Visiting
- Travelling

## Cities and the rise of sensors



MAYOR OF LONDON

background © OpenStreetMap contributors





HELP US  
MAKE  
OUR CITY  
SMARTER

STOP

LEFT

ARTIFICIAL  
INTELLIGENCE  
IS HERE

NEW TECHNOLOGY TO  
ELIMINATE  
BARRIERS

SMARTER LONDON  
TOGETHER

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